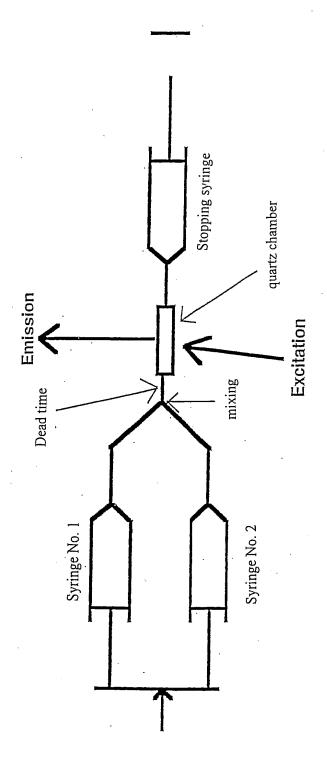
FIGURE 1



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FIGURE 2

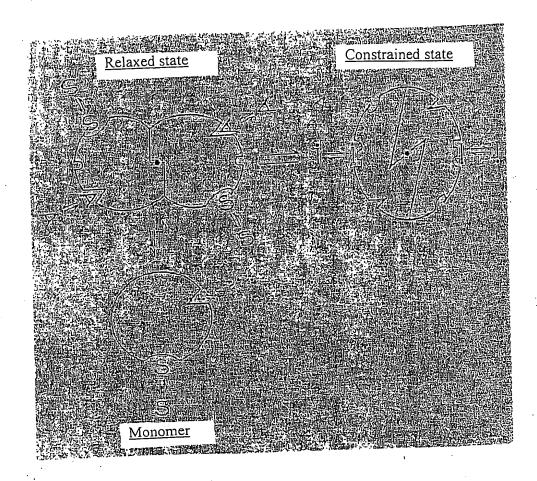


FIGURE 3A

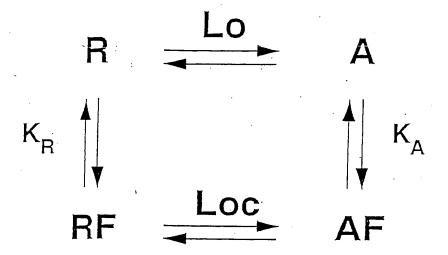


FIGURE 3B

 $Lo' = Lo \ [(1+\beta d)/(1+\beta)]^n \ , \ \ with \quad \beta = K_A/K_B and \ d = F/K$

FIGURE 4A

association of NKA-Bo (100 nM) with the receptor EGFP-NK2R

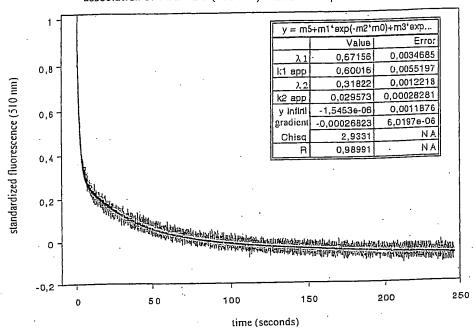
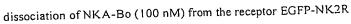


FIGURE 4B



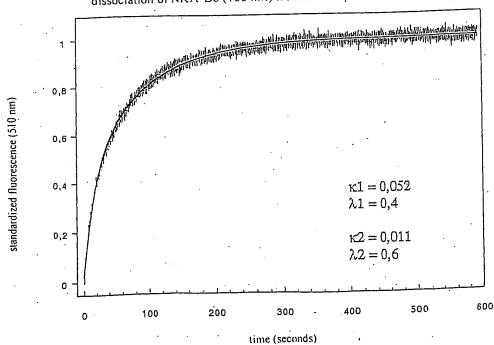


FIGURE 5A

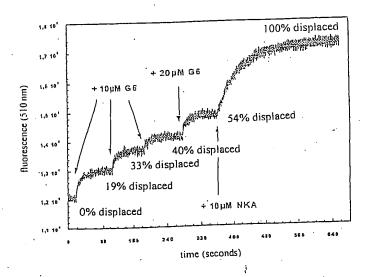


FIGURE 5B

Dissociation of NKAbo in the presence of SR48968

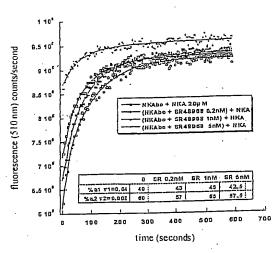


FIGURE 5C

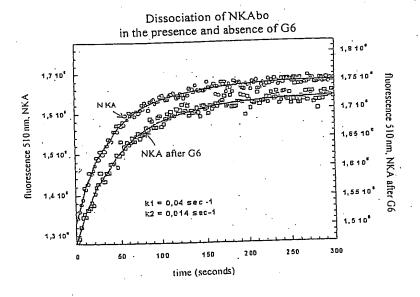
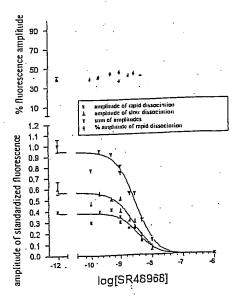
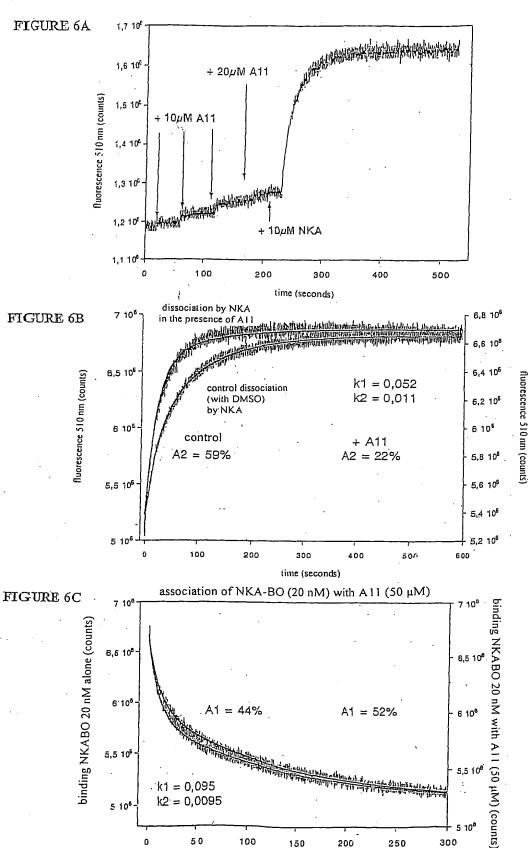


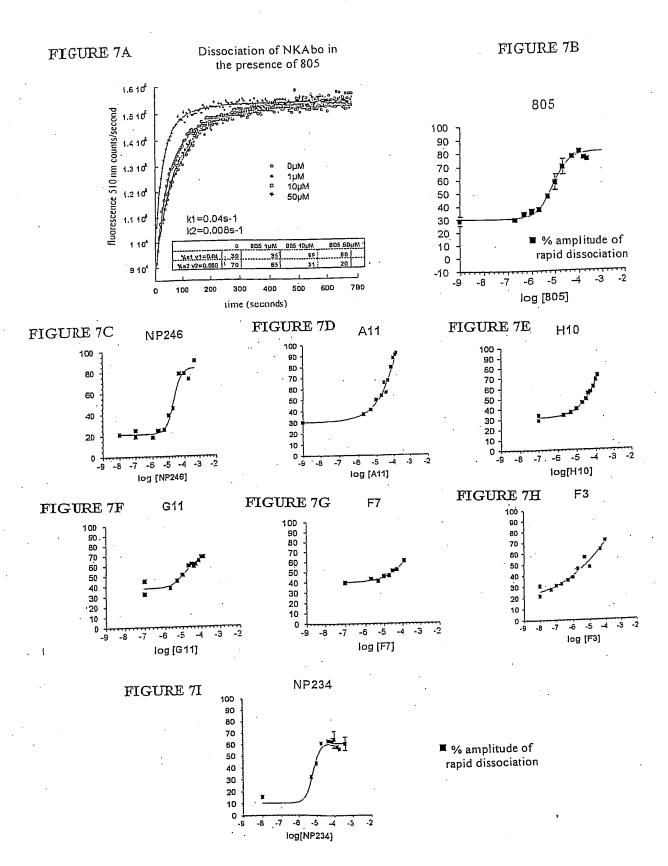
FIGURE 5D





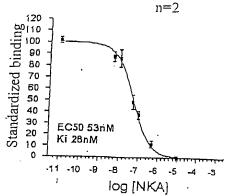


time (seconds)



AGURE 8A

(H3)SR48968 1nM competition by NKA n=2



IGURE 8B

Competition (H3)SR48968 1nM by 805 n=2

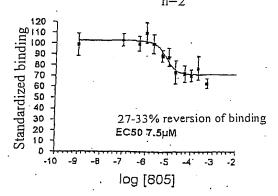


FIGURE 9A

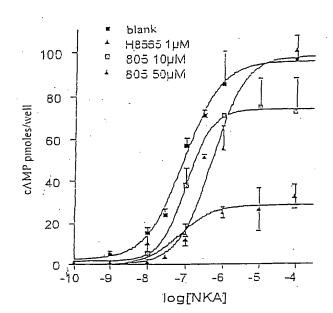
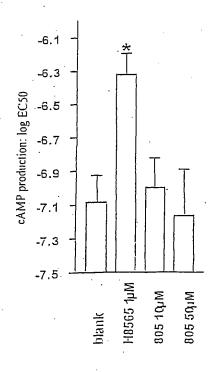


FIGURE 9B

FIGURE 9C



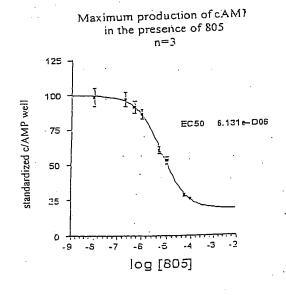


FIGURE 10B

FIGURE 10B

FIGURE 10C

1nm NKA

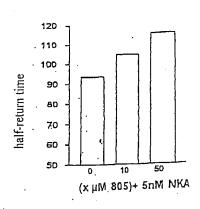
1pm NKA

1pm

FIGURE 10D

0.4 (ΘΟ5 10μΜ) + 5nM NKA (ΘΟ5 50μΜ) + 5nM NKA 5nM NKA 0.3 0.7 0.1 0 150 200 time (seconds)

FIGURE 10E



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Calcium response to NKA4-10TR7 in the presence and absence of 20 µM 805

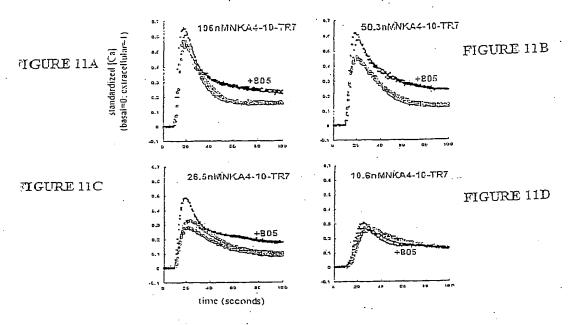


FIGURE 11E

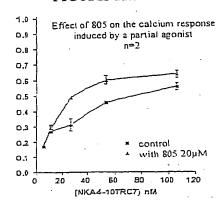


FIGURE 11G

Dissociation of NKA4-10TR7 in the presence of 805

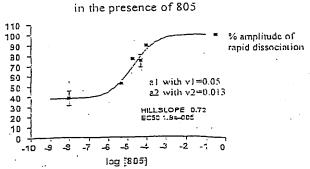
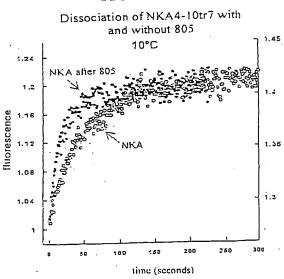


FIGURE 11F

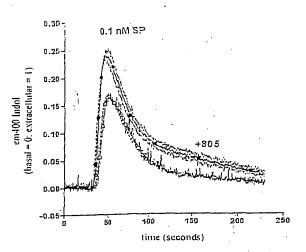


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FIGURE 12A



Calcium response on hNK1 to substance P in the presence and absence of $20\mu M~805$



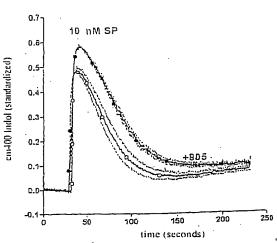
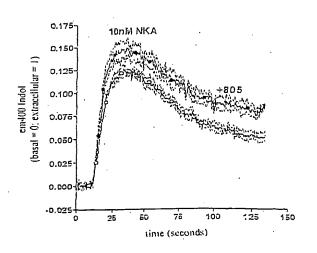
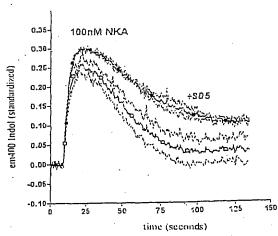


FIGURE 12C

FIGURE 12D

Calcium response on hNK1 to NKA in the presence and absence of $20\mu M$ 805





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